

HIGHWAY FACTORS AND RAILROAD GRADE CROSSING GROUP CHAIRMAN'S FACTUAL REPORT

Highway and Rail Crossing Attachment – Buckingham Branch Railroad – Grade Crossing Warning System, Insulation Resistance Test Records

Crozet, Virginia

HWY18MH005

(6 pages)

Railroad Signal International 5526 South 48th West Avenue - Tulsa, OK 74107 Phone: 918-234-1522 Fax: 918-234-1529

Date: 6/7/12								Weather: (Circle one) Wet / Temperature: 80 0							
(Note 1) #	Cable	Circuit						Insulation Resistance							
	Tr.		To; Gnd	To: 12	To: 11	To: 10	To: 9	To: 8	To: 7	To: 6	To: 5	To: 4	Ta: 3	To: 2	
2	1	Bx 220											0	~	
~	1,450,47	CX 220		-									~		
_	3	NXIIO	8	-			-								
	4			-		-									
	5			-	_	-	-	-							
-	6			-	+	-	-								
	7 8		-	-	+	-	-								
	9			+	+	+	-		N	stor All so		- !- 14	C-240000		
	10			+	+	_	Note: All readings are in Megaohms								
************	11			_	10000	Cable from: 3 6 House to Meter									
	12				<u></u> .			Cable IIO	··· <u> </u>	<u> </u>	1003E	10 100	Efer S	2431 42	
		A - Aerial	cable Line wire		1	- This	s report s	under 5	00K Ohn	ns should	new test h	annuall	made v*		



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Type of	Date:	Circuit	<i> </i>	7 /	12			Inculation			: 80	0			
Conductor (Note 1)	100000000000000000000000000000000000000	Name	me										To: 4 To: 3		
4	1	AXH	200	10.12	10.11	10.10	10.9	10.0	10.7	10.0	10.5	10:4	10:3	To: 2	
e	2	AXB	8	1	+		+	_		-	8	200	100	-	
C	3	ALE	100							1	0	00	-	1	
4	4	ALE	00								00	+	_1		
_	5	ARE	90									_			
	6														
	7														
	8														
	9							2	No	ote: All re	adings are	in Mega	ohms		
	10								re.				2		
	11							Cable from	m: <u>5~6</u>	2 Her	se to	AS	IGNAl		
	12														
NOTE 1:		A - Aerial cable B - Open Line wire C - Underground cable - This report sh - A conductor to - A conductor to						under 50	00K Ohm	ns should	be tested	annually	*		
								under 20	00K Ohn	ns should	be repaire	ed immed	liately or		

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Date: 6/7/12									Weather: (Circle one) Wet / Circle one) Temperature: 80 °							
onductor	Cable #	Circuit Name		Insulation Resistance												
(Note 1)			To: Gnd	To: 12	To: 11	To: 10	To: 9	To: 8	To: 7	To: 6	To: 5	To: 4	To: 3	To: 2		
2	1	Belle	THE RESERVE THE PERSON NAMED IN	-	-				0	00		00	00	~		
2	3	Bell N	8	-	+	-	-	-	2	0	0	100	00	_		
2	4	MTR OF	8	-	+	+	+		2	000	8	00				
2	5	AGE	80	-	+	-	+		00	200	-					
2	6	50	200	-	+		1	-	-	-	J					
C	7	30	00	-	+		1	_	_	_						
	8						1									
	9								Not	e: All rea	idings are	in Mega	ohms			
	10						_									
	11							Cable from	m: 741	4 He	use to	AS	Jana	_		
	12	70							MI		-		30.0			
NOTE 1:		A - Aerial B - Open C - Under	Line wire		1	- A co	onductor onductor	under 50	e retained 00K Ohms 00K Ohms	should I	be tested	annually	*			

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Phone: 918-234-1522 Fay: 918-234-1529

Date: 6 / 7 / 12									Те	mperature	: 80	0				
Conductor Cable	tor #	1 2 3 7 1 1 2 2 1 1	Circuit Name						Insulation Resistance							
(Note 1)			nr .	nr :		To: Gnd	To: 12	To: 11	To: 10	To: 9	To: 8	To: 7	To: 6	To: 5	To: 4	To: 3
-	1	BXM	8								5	0	00	00		
ر د	2	BXB	~								-	-	00			
ح		BLE	0								00	0		-		
		BCE									~					
د	5	BRE	00									_				
	6															
	7															
	8								/::							
	9								No	ote: All re	adings are	e in Mega	ohms			
	10															
	11				+			Cable from	m: 546	o Hos	e t	0 B S	LANA	2		
	12															
NOTE 1: A - Aerial cable 8 - Open Line wire C - Underground cable					1	- A c	onductor	under 50	OOK Ohm	s should	new test hat be tested be repaired	annually	*			

Railroad Signal International
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Phone: 918-224-1522 Fav. 918-224-1529

Location: LANES OWN Date: 6/7/12 Type of Cable Circuit In								Temperature: 80 0 Insulation Resistance								
onductor Note 1)	ductor #	Name	To: Gnd To: 12 To: 11 To: 10 To: 9													
۲,	1	BBell	5	10.12	10.11	10.10	10.9	10:8	10:7	_	10:5	To: 4	To: 3	To: 2		
ح	2	NBELL	00	—	—		+		100	00	00	000	8	000		
4	3	MARUP	00					1	10	00	8	2	-	J		
5	4	BGP	8						00	00	00	-	1			
_	5	50	00						00	00		_				
C	6	SP	00						8		-					
<u>_</u>	7	SP	00							-						
	8								_							
	9							10000	Note	e: All rea	dings are	in Mega	ohms			
	10								2/4							
	11							Cable from	n: 7 4	4 Ho	use to	_3	SIGNA	.2		
NOTE 1:		A - Aerial B - Open C - Under	Line wire			This report should be retained until a new test has been made A conductor under 500K Ohms should be tested annually* A conductor under 200K Ohms should be repaired immediately or removed from service *										